

Title (en)  
ELECTRIC IRON

Title (de)  
ELEKTRISCHES BÜGELEISEN

Title (fr)  
FER A REPASSER ELECTRIQUE

Publication  
**EP 0754256 A1 19970122 (DE)**

Application  
**EP 95915171 A 19950329**

Priority  
• DE 4411790 A 19940406  
• EP 9501177 W 19950329

Abstract (en)  
[origin: EP0844327A1] In an electric iron manufacturing process, in which an aluminium-silicon alloy block is cast together with the heating element and the ironing surface is provided with an aluminium oxide layer, the low silicon-content aluminium sole is fixed in good thermal contact with the block and the aluminium oxide layer is formed on the outer face of the sole by anodising. Preferably, the aluminium oxide layer is 20-80  $\mu$  thick and the sole is fixed to the block by means of a temperature resistant silicone adhesive.

IPC 1-7  
**D06F 75/38**

IPC 8 full level  
**D06F 75/20** (2006.01); **D06F 75/38** (2006.01)

CPC (source: EP US)  
**D06F 75/20** (2013.01 - EP US); **D06F 75/38** (2013.01 - EP US); **Y10S 29/904** (2013.01 - EP)

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**US 5749165 A 19980512**; AT E163694 T1 19980315; CN 1077934 C 20020116; CN 1145101 A 19970312; DE 4411790 A1 19951012; DE 59501560 D1 19980409; DK 0754256 T3 19981221; EP 0754256 A1 19970122; EP 0754256 B1 19980304; EP 0844327 A1 19980527; ES 2115376 T3 19980616; HK 1006490 A1 19990226; WO 9527819 A1 19951019

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**US 72040796 A 19960927**; AT 95915171 T 19950329; CN 95192446 A 19950329; DE 4411790 A 19940406; DE 59501560 T 19950329; DK 95915171 T 19950329; EP 9501177 W 19950329; EP 95915171 A 19950329; EP 97122599 A 19950329; ES 95915171 T 19950329; HK 98105725 A 19980619